

| SPECIFICATION MOSA/CV1135.<br>ISSUE NO. 7 DATED 15.9.57.<br>To be read in conjunction with K1001., BS1409<br>and BS448. | <table border="1"> <tr> <th colspan="2">SECURITY</th></tr> <tr> <th>SPECIFICATION</th><th>VALVE</th></tr> <tr> <td>Unclassified</td><td>Unclassified</td></tr> </table> | SECURITY |  | SPECIFICATION | VALVE | Unclassified | Unclassified |
|-------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--|---------------|-------|--------------|--------------|
| SECURITY                                                                                                                |                                                                                                                                                                         |          |  |               |       |              |              |
| SPECIFICATION                                                                                                           | VALVE                                                                                                                                                                   |          |  |               |       |              |              |
| Unclassified                                                                                                            | Unclassified                                                                                                                                                            |          |  |               |       |              |              |

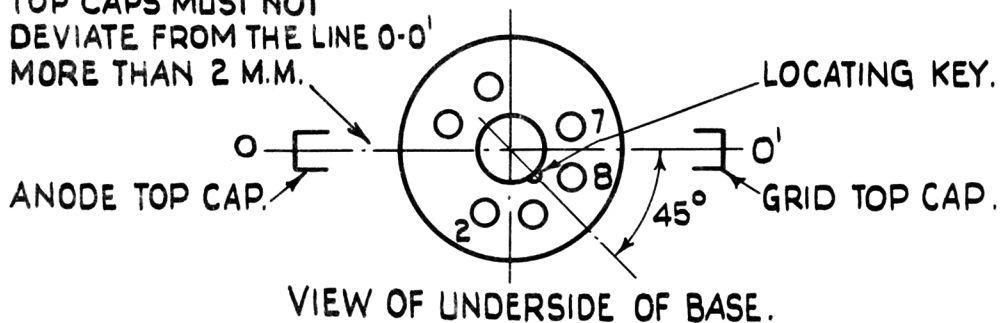
→ Indicates a change

| TYPE OF VALVE:- Triode.<br>CATHODE:- Indirectly heated.<br>ENVELOPE:- Glass - unmetallised.<br>PROTOTYPE:- E1148.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <u>MARKING</u><br>See K1001/4. |  |                    |     |                    |      |                        |     |                            |     |                                             |     |                           |     |                                 |     |                          |  |             |     |             |      |              |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |  |                                                                 |  |                    |  |     |           |   |                   |   |           |   |             |   |                   |   |                   |   |             |   |           |   |            |     |          |     |          |                   |  |                        |  |                |  |                    |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--|--------------------|-----|--------------------|------|------------------------|-----|----------------------------|-----|---------------------------------------------|-----|---------------------------|-----|---------------------------------|-----|--------------------------|--|-------------|-----|-------------|------|--------------|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--|-----------------------------------------------------------------|--|--------------------|--|-----|-----------|---|-------------------|---|-----------|---|-------------|---|-------------------|---|-------------------|---|-------------|---|-----------|---|------------|-----|----------|-----|----------|-------------------|--|------------------------|--|----------------|--|--------------------|--|
| <table> <tr> <th colspan="2"><u>RATINGS</u></th></tr> <tr> <td>Heater Voltage (V)</td><td>6.3</td></tr> <tr> <td>Heater Current (A)</td><td>0.21</td></tr> <tr> <td>Max. Anode Voltage (V)</td><td>500</td></tr> <tr> <td>Max. Anode Dissipation (W)</td><td>1.0</td></tr> <tr> <td>Max. Anode Current (approx. mean peak) (mA)</td><td>200</td></tr> <tr> <td>Mutual Conductance (mA/V)</td><td>3.0</td></tr> <tr> <td>Max. Operating Frequency (Mc/s)</td><td>300</td></tr> </table><br><table> <tr> <th colspan="2"><u>CAPACITANCES (pF)</u></th></tr> <tr> <td>Cag. (nom).</td><td>2.1</td></tr> <tr> <td>Cin. (nom).</td><td>2.15</td></tr> <tr> <td>Cout. (nom).</td><td>0.8</td></tr> </table> | <u>RATINGS</u>                 |  | Heater Voltage (V) | 6.3 | Heater Current (A) | 0.21 | Max. Anode Voltage (V) | 500 | Max. Anode Dissipation (W) | 1.0 | Max. Anode Current (approx. mean peak) (mA) | 200 | Mutual Conductance (mA/V) | 3.0 | Max. Operating Frequency (Mc/s) | 300 | <u>CAPACITANCES (pF)</u> |  | Cag. (nom). | 2.1 | Cin. (nom). | 2.15 | Cout. (nom). | 0.8 | <table> <tr> <th colspan="2"><u>BASE</u></th></tr> <tr> <td colspan="2">BS448/BS-0/1.1.<br/>See K1001/AW1D2<br/>M Dimension (iii) applies</td></tr> <tr> <th colspan="2"><u>CONNECTIONS</u></th></tr> <tr> <th>PIN</th><th>ELECTRODE</th></tr> <tr> <td>1</td><td>No connection NC.</td></tr> <tr> <td>2</td><td>Heater h.</td></tr> <tr> <td>3</td><td>No pin N.P.</td></tr> <tr> <td>4</td><td>No connection NC.</td></tr> <tr> <td>5</td><td>No connection NC.</td></tr> <tr> <td>6</td><td>No pin N.P.</td></tr> <tr> <td>7</td><td>Heater h.</td></tr> <tr> <td>8</td><td>Cathode k.</td></tr> <tr> <td>TC1</td><td>Grid gl.</td></tr> <tr> <td>TC2</td><td>Anode a.</td></tr> <tr> <th colspan="2"><u>DIMENSIONS</u></th></tr> <tr> <td colspan="2">See drawing on page 3.</td></tr> <tr> <th colspan="2"><u>TOP CAP</u></th></tr> <tr> <td colspan="2">BS448/6/1.1./CT.1.</td></tr> </table> | <u>BASE</u> |  | BS448/BS-0/1.1.<br>See K1001/AW1D2<br>M Dimension (iii) applies |  | <u>CONNECTIONS</u> |  | PIN | ELECTRODE | 1 | No connection NC. | 2 | Heater h. | 3 | No pin N.P. | 4 | No connection NC. | 5 | No connection NC. | 6 | No pin N.P. | 7 | Heater h. | 8 | Cathode k. | TC1 | Grid gl. | TC2 | Anode a. | <u>DIMENSIONS</u> |  | See drawing on page 3. |  | <u>TOP CAP</u> |  | BS448/6/1.1./CT.1. |  |
| <u>RATINGS</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                |  |                    |     |                    |      |                        |     |                            |     |                                             |     |                           |     |                                 |     |                          |  |             |     |             |      |              |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |  |                                                                 |  |                    |  |     |           |   |                   |   |           |   |             |   |                   |   |                   |   |             |   |           |   |            |     |          |     |          |                   |  |                        |  |                |  |                    |  |
| Heater Voltage (V)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 6.3                            |  |                    |     |                    |      |                        |     |                            |     |                                             |     |                           |     |                                 |     |                          |  |             |     |             |      |              |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |  |                                                                 |  |                    |  |     |           |   |                   |   |           |   |             |   |                   |   |                   |   |             |   |           |   |            |     |          |     |          |                   |  |                        |  |                |  |                    |  |
| Heater Current (A)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0.21                           |  |                    |     |                    |      |                        |     |                            |     |                                             |     |                           |     |                                 |     |                          |  |             |     |             |      |              |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |  |                                                                 |  |                    |  |     |           |   |                   |   |           |   |             |   |                   |   |                   |   |             |   |           |   |            |     |          |     |          |                   |  |                        |  |                |  |                    |  |
| Max. Anode Voltage (V)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 500                            |  |                    |     |                    |      |                        |     |                            |     |                                             |     |                           |     |                                 |     |                          |  |             |     |             |      |              |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |  |                                                                 |  |                    |  |     |           |   |                   |   |           |   |             |   |                   |   |                   |   |             |   |           |   |            |     |          |     |          |                   |  |                        |  |                |  |                    |  |
| Max. Anode Dissipation (W)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1.0                            |  |                    |     |                    |      |                        |     |                            |     |                                             |     |                           |     |                                 |     |                          |  |             |     |             |      |              |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |  |                                                                 |  |                    |  |     |           |   |                   |   |           |   |             |   |                   |   |                   |   |             |   |           |   |            |     |          |     |          |                   |  |                        |  |                |  |                    |  |
| Max. Anode Current (approx. mean peak) (mA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200                            |  |                    |     |                    |      |                        |     |                            |     |                                             |     |                           |     |                                 |     |                          |  |             |     |             |      |              |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |  |                                                                 |  |                    |  |     |           |   |                   |   |           |   |             |   |                   |   |                   |   |             |   |           |   |            |     |          |     |          |                   |  |                        |  |                |  |                    |  |
| Mutual Conductance (mA/V)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 3.0                            |  |                    |     |                    |      |                        |     |                            |     |                                             |     |                           |     |                                 |     |                          |  |             |     |             |      |              |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |  |                                                                 |  |                    |  |     |           |   |                   |   |           |   |             |   |                   |   |                   |   |             |   |           |   |            |     |          |     |          |                   |  |                        |  |                |  |                    |  |
| Max. Operating Frequency (Mc/s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 300                            |  |                    |     |                    |      |                        |     |                            |     |                                             |     |                           |     |                                 |     |                          |  |             |     |             |      |              |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |  |                                                                 |  |                    |  |     |           |   |                   |   |           |   |             |   |                   |   |                   |   |             |   |           |   |            |     |          |     |          |                   |  |                        |  |                |  |                    |  |
| <u>CAPACITANCES (pF)</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                |  |                    |     |                    |      |                        |     |                            |     |                                             |     |                           |     |                                 |     |                          |  |             |     |             |      |              |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |  |                                                                 |  |                    |  |     |           |   |                   |   |           |   |             |   |                   |   |                   |   |             |   |           |   |            |     |          |     |          |                   |  |                        |  |                |  |                    |  |
| Cag. (nom).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2.1                            |  |                    |     |                    |      |                        |     |                            |     |                                             |     |                           |     |                                 |     |                          |  |             |     |             |      |              |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |  |                                                                 |  |                    |  |     |           |   |                   |   |           |   |             |   |                   |   |                   |   |             |   |           |   |            |     |          |     |          |                   |  |                        |  |                |  |                    |  |
| Cin. (nom).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2.15                           |  |                    |     |                    |      |                        |     |                            |     |                                             |     |                           |     |                                 |     |                          |  |             |     |             |      |              |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |  |                                                                 |  |                    |  |     |           |   |                   |   |           |   |             |   |                   |   |                   |   |             |   |           |   |            |     |          |     |          |                   |  |                        |  |                |  |                    |  |
| Cout. (nom).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0.8                            |  |                    |     |                    |      |                        |     |                            |     |                                             |     |                           |     |                                 |     |                          |  |             |     |             |      |              |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |  |                                                                 |  |                    |  |     |           |   |                   |   |           |   |             |   |                   |   |                   |   |             |   |           |   |            |     |          |     |          |                   |  |                        |  |                |  |                    |  |
| <u>BASE</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                |  |                    |     |                    |      |                        |     |                            |     |                                             |     |                           |     |                                 |     |                          |  |             |     |             |      |              |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |  |                                                                 |  |                    |  |     |           |   |                   |   |           |   |             |   |                   |   |                   |   |             |   |           |   |            |     |          |     |          |                   |  |                        |  |                |  |                    |  |
| BS448/BS-0/1.1.<br>See K1001/AW1D2<br>M Dimension (iii) applies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                |  |                    |     |                    |      |                        |     |                            |     |                                             |     |                           |     |                                 |     |                          |  |             |     |             |      |              |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |  |                                                                 |  |                    |  |     |           |   |                   |   |           |   |             |   |                   |   |                   |   |             |   |           |   |            |     |          |     |          |                   |  |                        |  |                |  |                    |  |
| <u>CONNECTIONS</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                |  |                    |     |                    |      |                        |     |                            |     |                                             |     |                           |     |                                 |     |                          |  |             |     |             |      |              |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |  |                                                                 |  |                    |  |     |           |   |                   |   |           |   |             |   |                   |   |                   |   |             |   |           |   |            |     |          |     |          |                   |  |                        |  |                |  |                    |  |
| PIN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ELECTRODE                      |  |                    |     |                    |      |                        |     |                            |     |                                             |     |                           |     |                                 |     |                          |  |             |     |             |      |              |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |  |                                                                 |  |                    |  |     |           |   |                   |   |           |   |             |   |                   |   |                   |   |             |   |           |   |            |     |          |     |          |                   |  |                        |  |                |  |                    |  |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | No connection NC.              |  |                    |     |                    |      |                        |     |                            |     |                                             |     |                           |     |                                 |     |                          |  |             |     |             |      |              |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |  |                                                                 |  |                    |  |     |           |   |                   |   |           |   |             |   |                   |   |                   |   |             |   |           |   |            |     |          |     |          |                   |  |                        |  |                |  |                    |  |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Heater h.                      |  |                    |     |                    |      |                        |     |                            |     |                                             |     |                           |     |                                 |     |                          |  |             |     |             |      |              |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |  |                                                                 |  |                    |  |     |           |   |                   |   |           |   |             |   |                   |   |                   |   |             |   |           |   |            |     |          |     |          |                   |  |                        |  |                |  |                    |  |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | No pin N.P.                    |  |                    |     |                    |      |                        |     |                            |     |                                             |     |                           |     |                                 |     |                          |  |             |     |             |      |              |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |  |                                                                 |  |                    |  |     |           |   |                   |   |           |   |             |   |                   |   |                   |   |             |   |           |   |            |     |          |     |          |                   |  |                        |  |                |  |                    |  |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | No connection NC.              |  |                    |     |                    |      |                        |     |                            |     |                                             |     |                           |     |                                 |     |                          |  |             |     |             |      |              |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |  |                                                                 |  |                    |  |     |           |   |                   |   |           |   |             |   |                   |   |                   |   |             |   |           |   |            |     |          |     |          |                   |  |                        |  |                |  |                    |  |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | No connection NC.              |  |                    |     |                    |      |                        |     |                            |     |                                             |     |                           |     |                                 |     |                          |  |             |     |             |      |              |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |  |                                                                 |  |                    |  |     |           |   |                   |   |           |   |             |   |                   |   |                   |   |             |   |           |   |            |     |          |     |          |                   |  |                        |  |                |  |                    |  |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | No pin N.P.                    |  |                    |     |                    |      |                        |     |                            |     |                                             |     |                           |     |                                 |     |                          |  |             |     |             |      |              |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |  |                                                                 |  |                    |  |     |           |   |                   |   |           |   |             |   |                   |   |                   |   |             |   |           |   |            |     |          |     |          |                   |  |                        |  |                |  |                    |  |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Heater h.                      |  |                    |     |                    |      |                        |     |                            |     |                                             |     |                           |     |                                 |     |                          |  |             |     |             |      |              |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |  |                                                                 |  |                    |  |     |           |   |                   |   |           |   |             |   |                   |   |                   |   |             |   |           |   |            |     |          |     |          |                   |  |                        |  |                |  |                    |  |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Cathode k.                     |  |                    |     |                    |      |                        |     |                            |     |                                             |     |                           |     |                                 |     |                          |  |             |     |             |      |              |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |  |                                                                 |  |                    |  |     |           |   |                   |   |           |   |             |   |                   |   |                   |   |             |   |           |   |            |     |          |     |          |                   |  |                        |  |                |  |                    |  |
| TC1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Grid gl.                       |  |                    |     |                    |      |                        |     |                            |     |                                             |     |                           |     |                                 |     |                          |  |             |     |             |      |              |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |  |                                                                 |  |                    |  |     |           |   |                   |   |           |   |             |   |                   |   |                   |   |             |   |           |   |            |     |          |     |          |                   |  |                        |  |                |  |                    |  |
| TC2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Anode a.                       |  |                    |     |                    |      |                        |     |                            |     |                                             |     |                           |     |                                 |     |                          |  |             |     |             |      |              |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |  |                                                                 |  |                    |  |     |           |   |                   |   |           |   |             |   |                   |   |                   |   |             |   |           |   |            |     |          |     |          |                   |  |                        |  |                |  |                    |  |
| <u>DIMENSIONS</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                |  |                    |     |                    |      |                        |     |                            |     |                                             |     |                           |     |                                 |     |                          |  |             |     |             |      |              |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |  |                                                                 |  |                    |  |     |           |   |                   |   |           |   |             |   |                   |   |                   |   |             |   |           |   |            |     |          |     |          |                   |  |                        |  |                |  |                    |  |
| See drawing on page 3.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                |  |                    |     |                    |      |                        |     |                            |     |                                             |     |                           |     |                                 |     |                          |  |             |     |             |      |              |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |  |                                                                 |  |                    |  |     |           |   |                   |   |           |   |             |   |                   |   |                   |   |             |   |           |   |            |     |          |     |          |                   |  |                        |  |                |  |                    |  |
| <u>TOP CAP</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                |  |                    |     |                    |      |                        |     |                            |     |                                             |     |                           |     |                                 |     |                          |  |             |     |             |      |              |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |  |                                                                 |  |                    |  |     |           |   |                   |   |           |   |             |   |                   |   |                   |   |             |   |           |   |            |     |          |     |          |                   |  |                        |  |                |  |                    |  |
| BS448/6/1.1./CT.1.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                |  |                    |     |                    |      |                        |     |                            |     |                                             |     |                           |     |                                 |     |                          |  |             |     |             |      |              |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |  |                                                                 |  |                    |  |     |           |   |                   |   |           |   |             |   |                   |   |                   |   |             |   |           |   |            |     |          |     |          |                   |  |                        |  |                |  |                    |  |
| <u>NOTES</u><br>A:- When used as a self-oscillator under pulse conditions.<br>B:- Measured at $V_h = 6.3$ , $V_a = 250$ , $V_g = 5.5$ .<br>C:- The valve must be suitable for use under pulse conditions with values of heater voltage between 6.3 and 7.5 volts.                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                |  |                    |     |                    |      |                        |     |                            |     |                                             |     |                           |     |                                 |     |                          |  |             |     |             |      |              |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |  |                                                                 |  |                    |  |     |           |   |                   |   |           |   |             |   |                   |   |                   |   |             |   |           |   |            |     |          |     |          |                   |  |                        |  |                |  |                    |  |

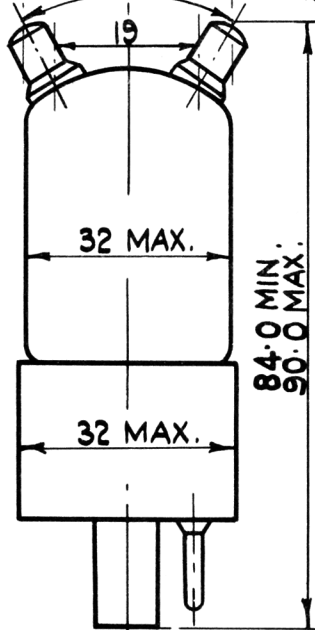
To be performed in addition to those applicable in K1001.

|   | Test Conditions                                                                  |                  |                                   | Test                     | Limits |      | No.<br>Tested |
|---|----------------------------------------------------------------------------------|------------------|-----------------------------------|--------------------------|--------|------|---------------|
|   |                                                                                  |                  |                                   |                          | Min.   | Max. |               |
| a | See K1001/AIII                                                                   |                  |                                   | <u>Capacitances (pF)</u> |        |      |               |
|   | Links to<br>H.P.                                                                 | Links to<br>L.P. | Links<br>to E.                    |                          |        |      |               |
|   | TC2                                                                              | 1,2,4,5,<br>7,8. | TC1,3,<br>6,9,10.                 |                          | -      | 1.3  | 6             |
|   | TC1                                                                              | 1,2,4,5,<br>7,8. | TC2,3,<br>6,9,10.                 |                          | -      | 2.5  | per           |
|   | TC2                                                                              | TC1              | 1,2,3,<br>4,5,6,<br>7,8,9,<br>10. |                          | 1.8    | 2.4  | week          |
| b | Vh                                                                               | Va               | Vg                                | Ih (A)                   | 0.18   | 0.22 | 100%<br>or S  |
|   | 6.3                                                                              | 0                | 0                                 |                          |        |      |               |
| c | 6.3                                                                              | 250              | -5.5                              | Ia (mA)                  | 9.8    | 18.2 | 100%          |
| d | 6.3                                                                              | 250              | -5.5                              | gm (mA/V)                | 2.25   | 3.75 | 100%          |
|   | Peak grid swing $\pm 0.5V$ .<br>max.                                             |                  |                                   |                          |        |      |               |
| e | 6.3                                                                              | 250              | -5.5                              | Reverse Ig ( $\mu A$ )   | -      | 1.0  | 100%          |
| f | Valve to be tested in the<br>circuit on page 3 (or<br>similar approved circuit). |                  |                                   | Peak Ic (mA)             | 120    | -    | 100%          |

THE CENTRES OF THE  
TOP CAPS MUST NOT  
DEVIATE FROM THE LINE O-O'  
MORE THAN 2 M.M.



13±2 60° 13±2



ALL DIMENSIONS IN  
MILLIMETRES.

